How is *ChemTrack* improving chemical management at LLNL?

ChemTrack offers a chemical locating service that facilitates the sharing of chemicals among Laboratory employees. By sharing unused chemicals, LLNL reduces the need for chemical purchases and reduces the generation of hazardous waste.

ChemTrack also:

- Assists in planning for chemical spill emergencies.
- Allows LLNL to prepare for and respond to chemical safety audits.
- Improves access to chemical safety information (Material Safety Data Sheets).
- Generates chemical inventory reports necessary to meet programmatic needs and regulatory requirements.



UCRL-TB-119796

Introducing **ChemTrack**

A new way to inventory and track chemicals at LLNL



Lawrence Livermore National Laboratory

What is ChemTrack?

ChemTrack allows LLNL to comply with regulatory requirements and to improve the way hazardous materials are inventoried and managed.

It was designed by LLNL to track hazardous chemicals used within its facilities.

How does ChemTrack work?

ChemTrack personnel use bar codes, laser scanners, and customized computer software to inventory and track chemical containers from their arrival on site until their disposal or transport offsite.

Why did a National Laboratory develop *ChemTrack?*

Tracking chemical inventories via computers has proven to be the most accurate and cost-effective means for maintaining compliance with a variety of regulatory requirements.

What does a *ChemTrack* bar code look like?

A *ChemTrack* yellow-and-black bar code is shown below.



What chemical containers are bar coded and inventoried using *ChemTrack?*

Primarily manufacturer-provided containers holding laboratory and photographic chemicals, compressed gases, including aerosol products, cleaners in bulk quantities, paints, adhesives, sealants, oils, lubricants, coolants, and pesticides.



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